

FIG. 1 — Navigation buttons



Universal Data Model Translation

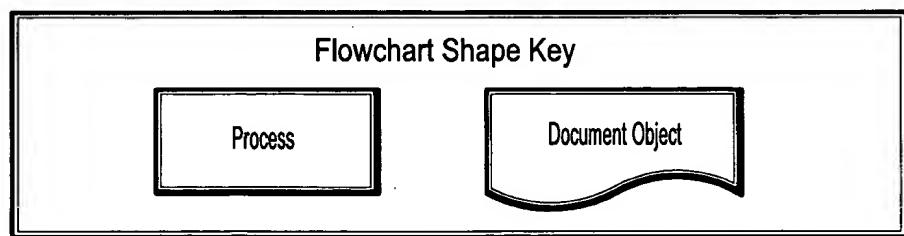
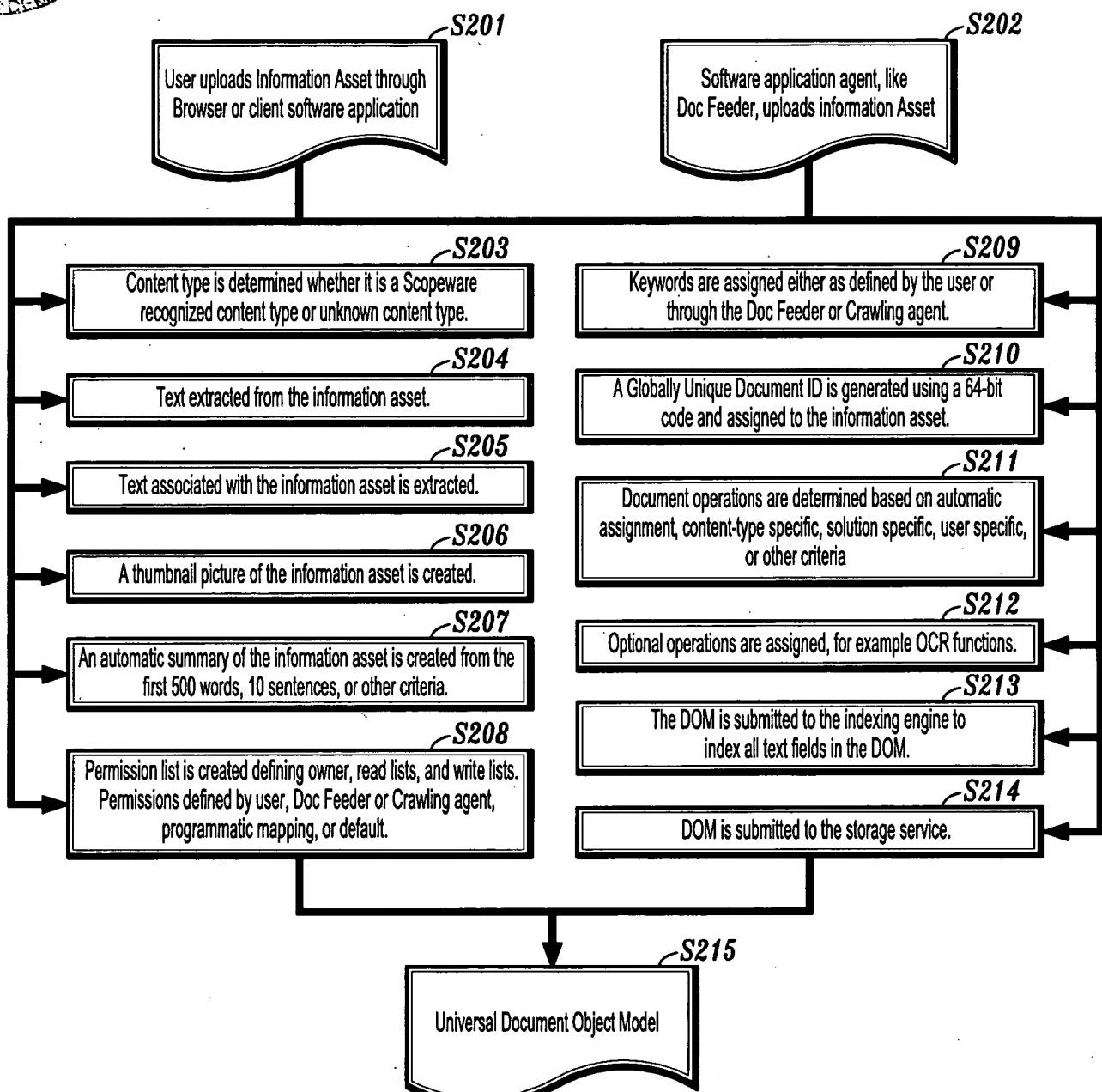


FIG. 2

Scopeware Agents are Translators into Scopeware Document Object Models

Information Assets In a File-System

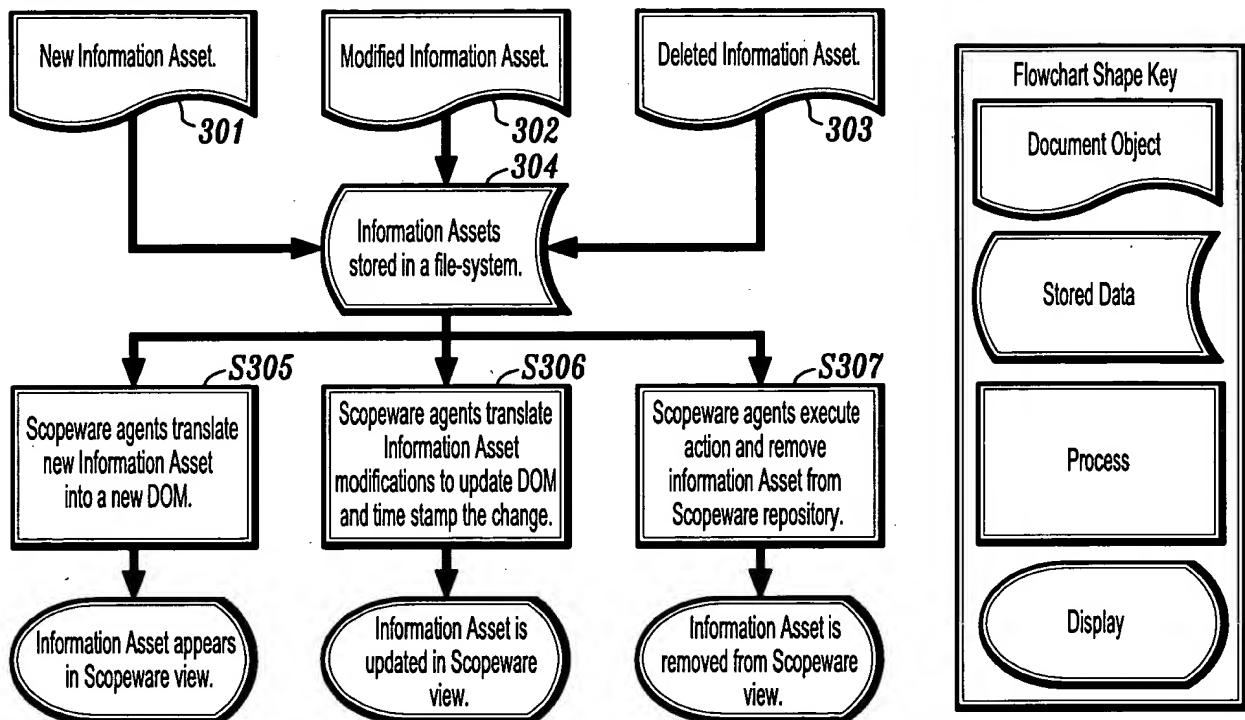


FIG. 3

Information Assets in a Programmatic Information System

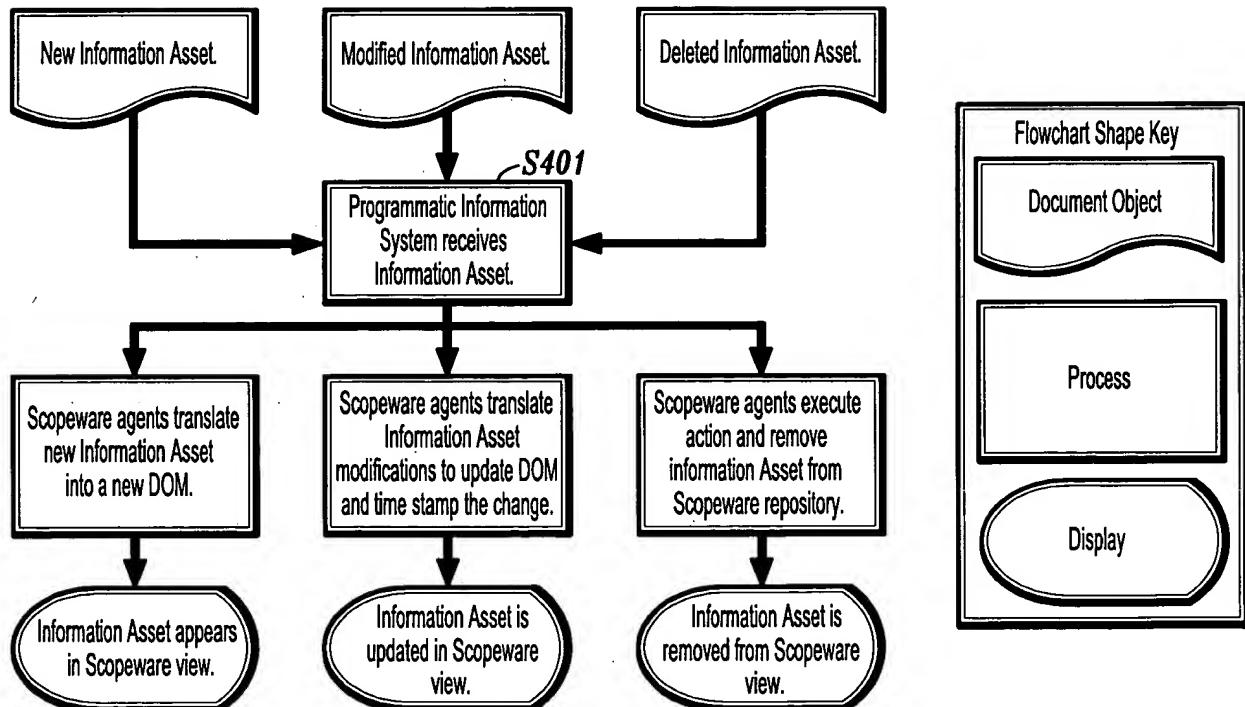


FIG. 4



Instantaneously Dynamic, Tailored, and Interactive Document Glance Views

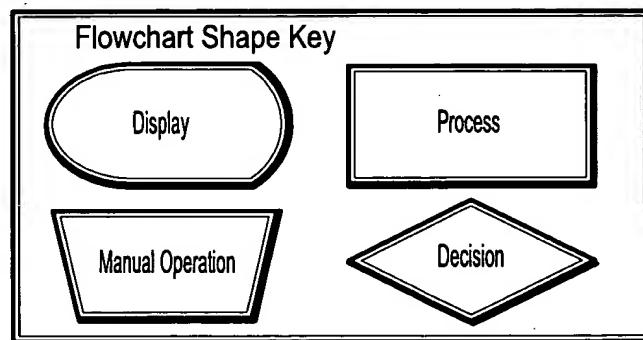
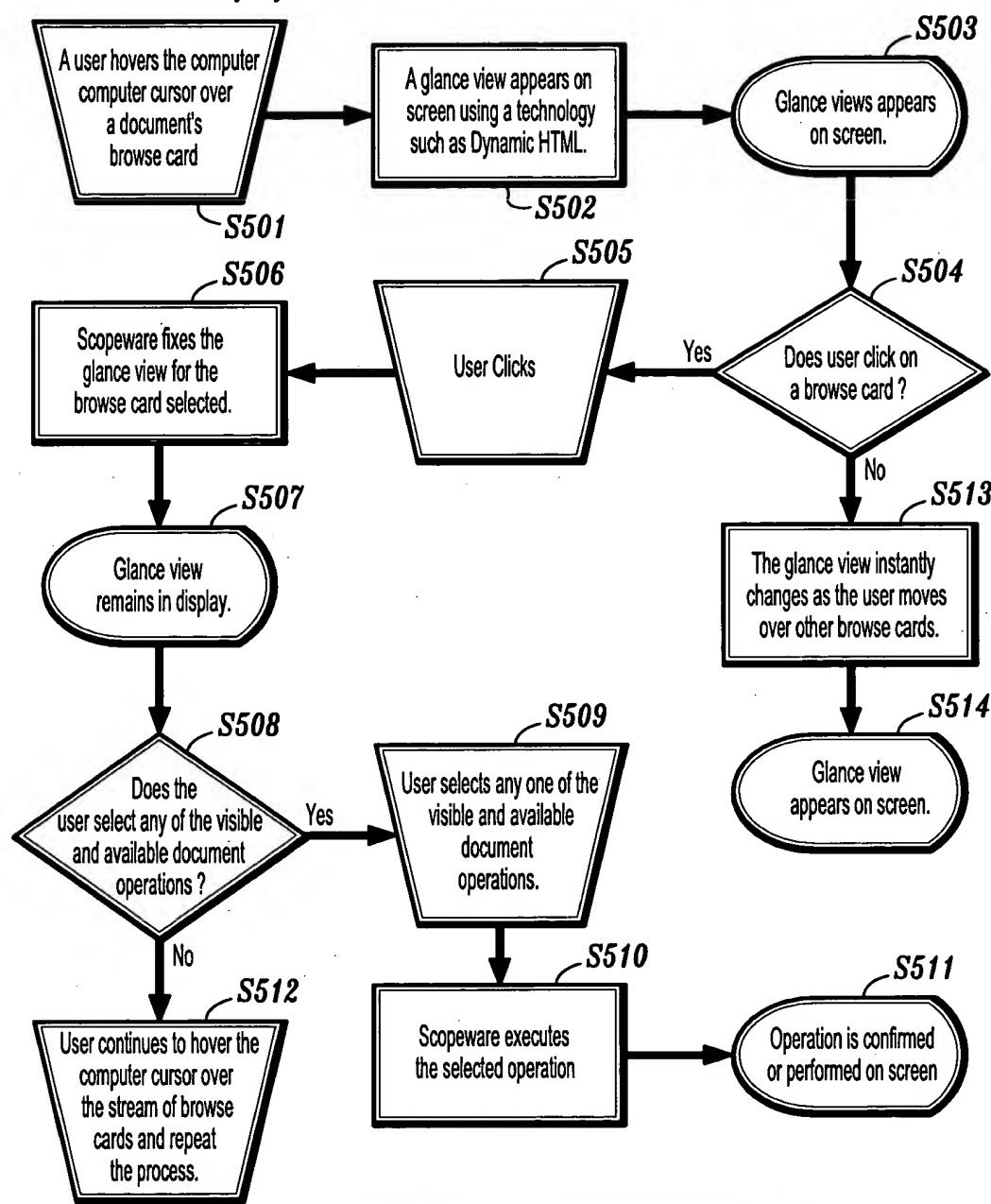
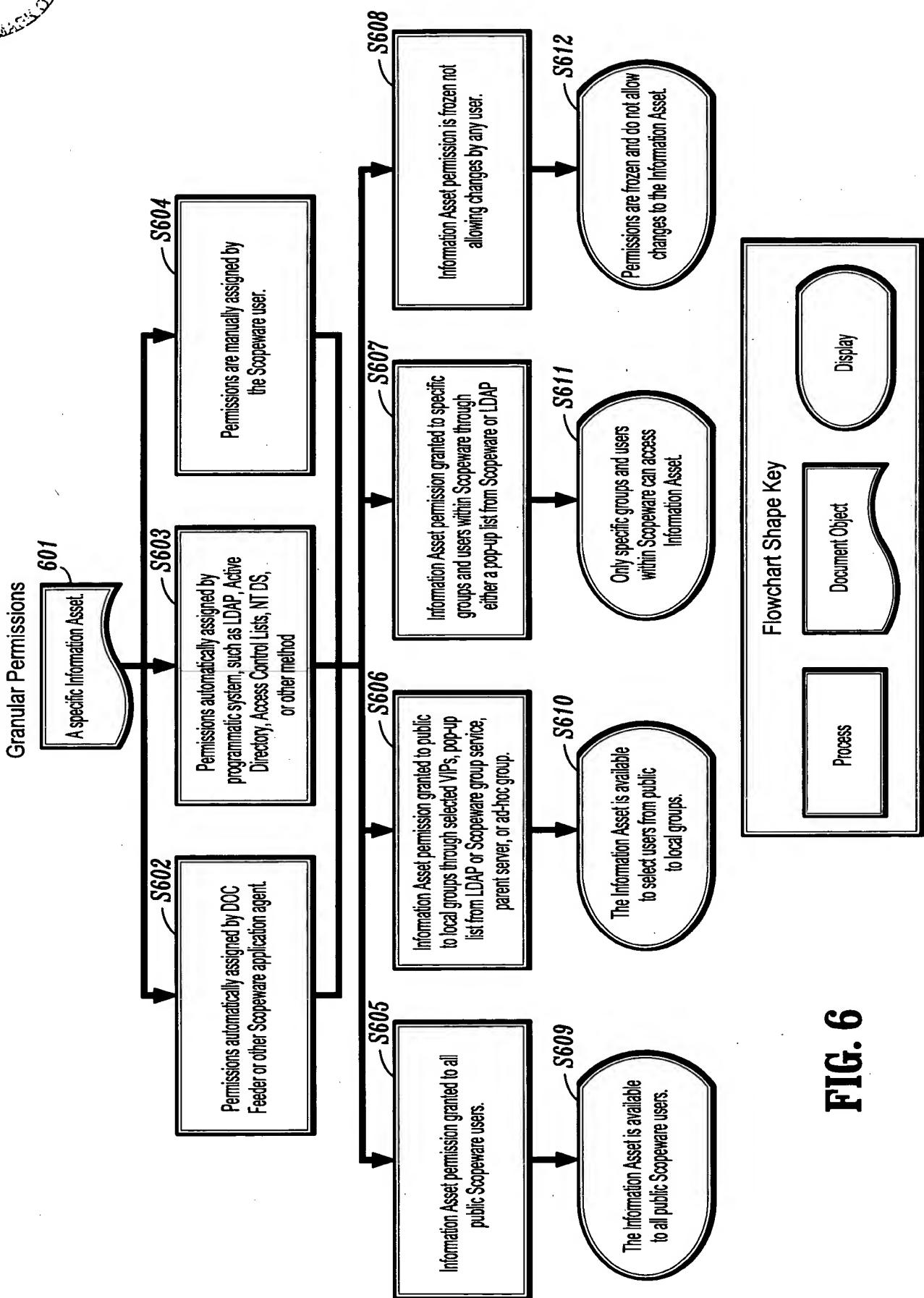
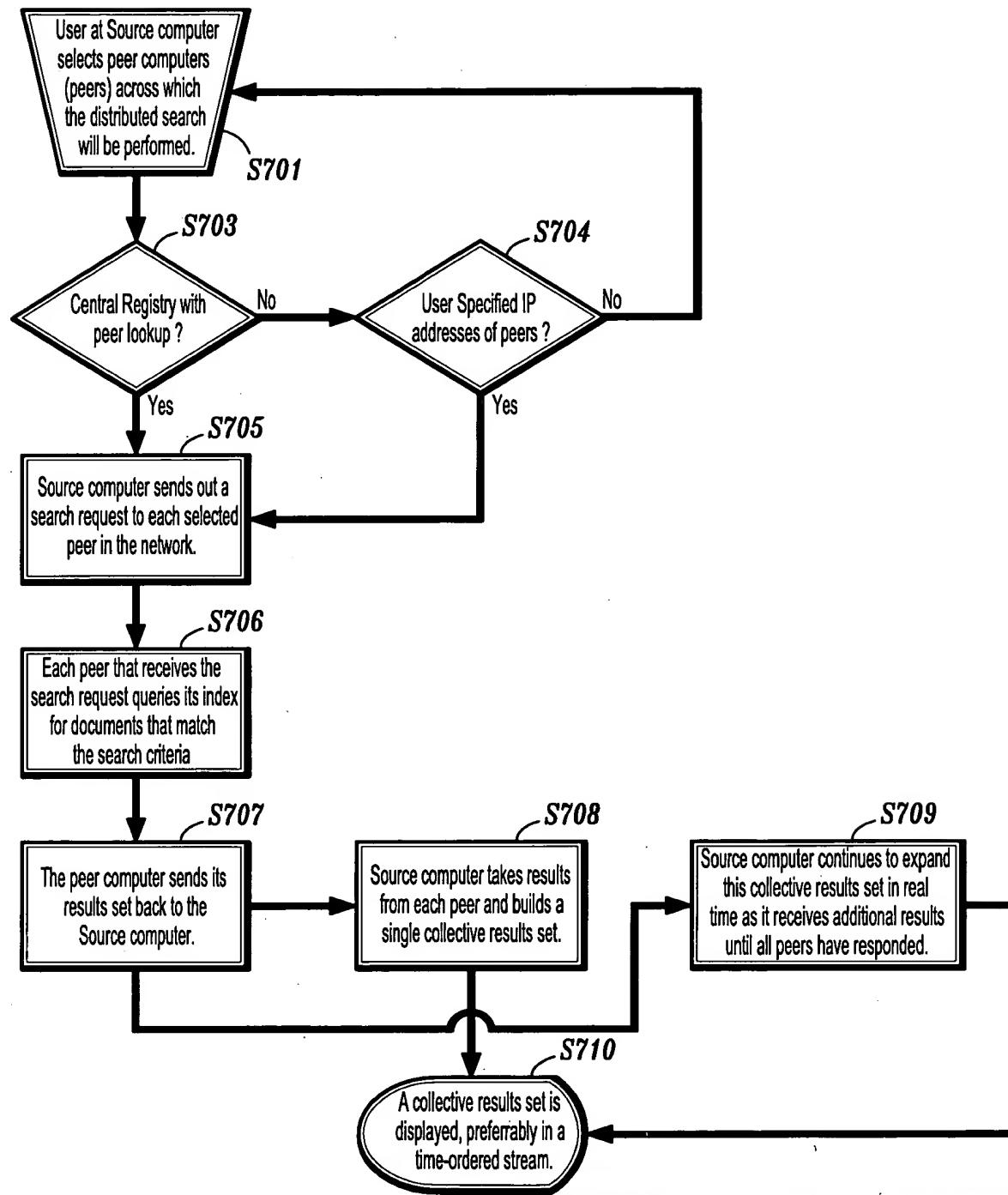


FIG. 5





Integrated Results Sets from Distributed Searches



Flowchart Shape Key

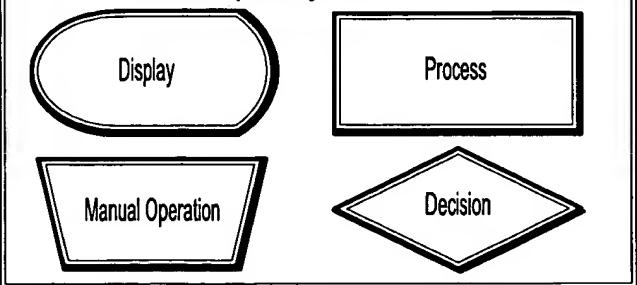
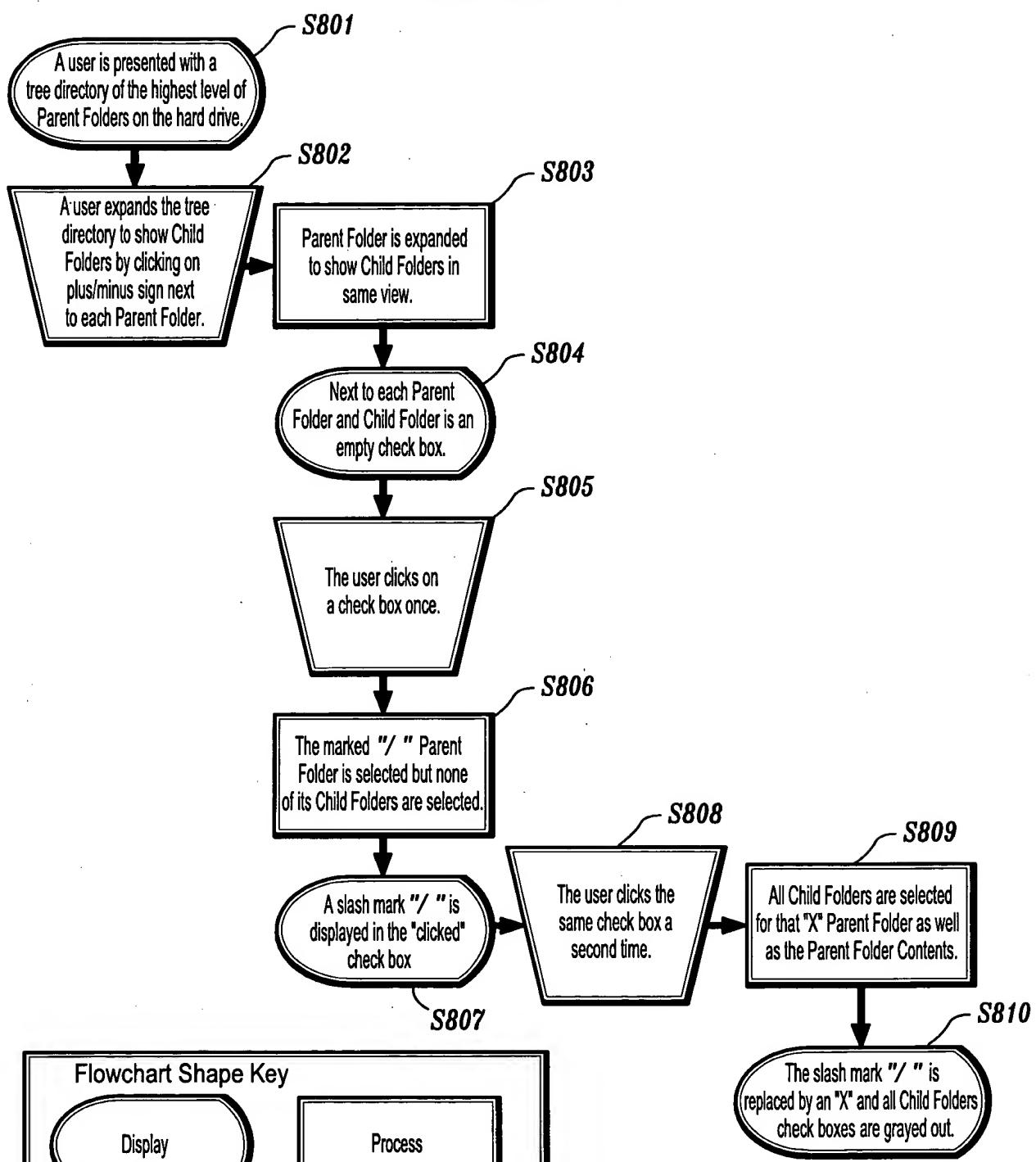


FIG. 7



Tri-State Selection Tree



Flowchart Shape Key

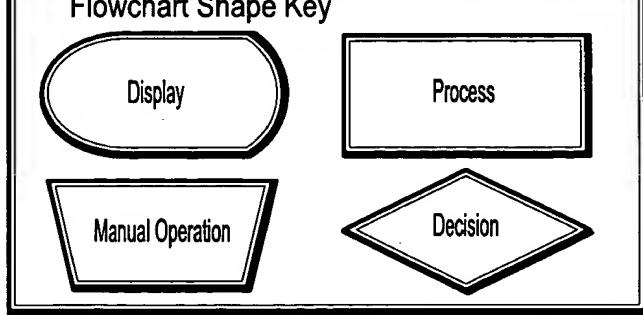


FIG. 8



BOTTOM-UP STREAM ARCHITECTURE

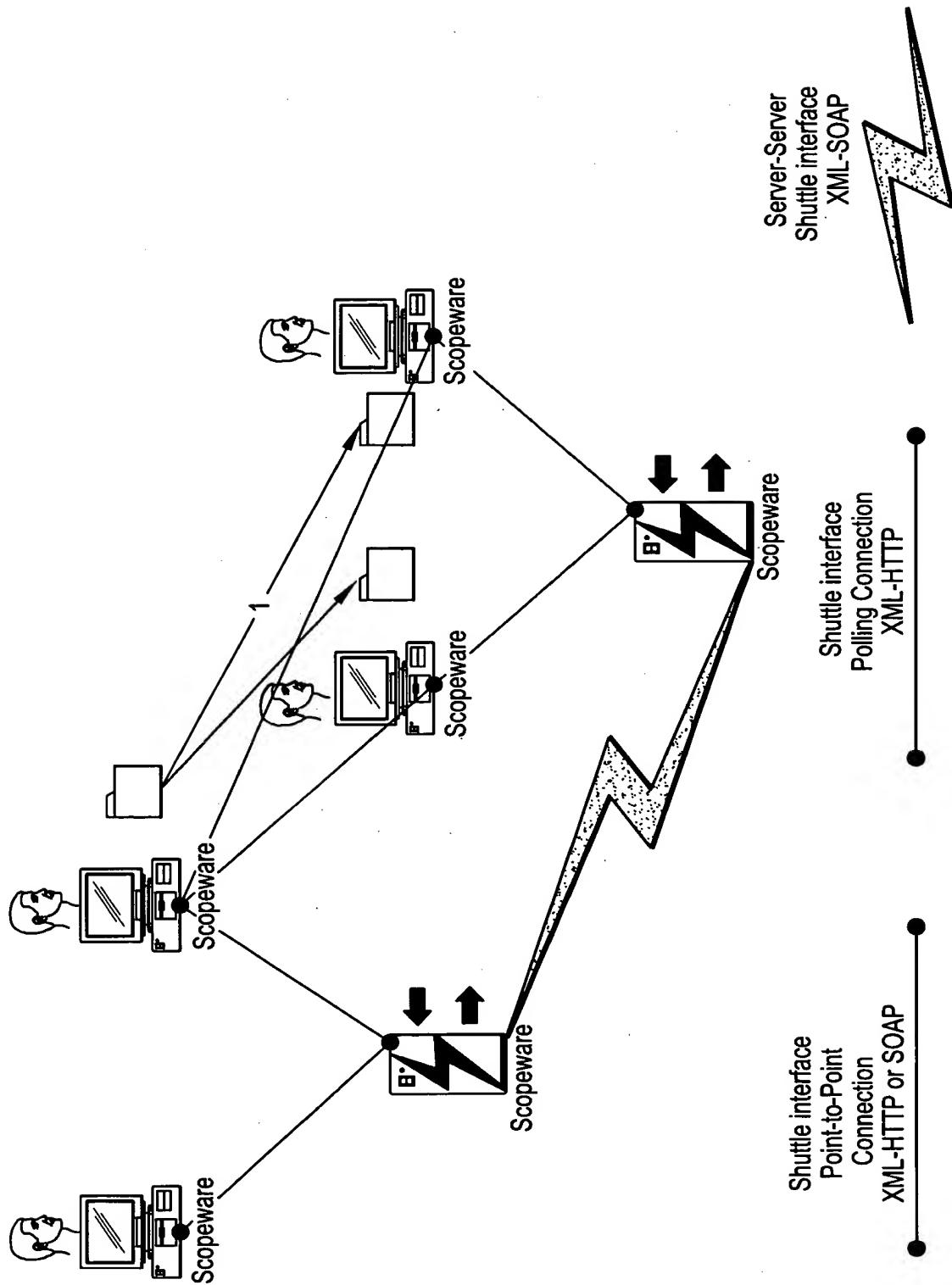


FIG. 9

U.S. PATENT & TRADEMARK OFFICE
MAY 27 2004

TOP-DOWN STREAM ARCHITECTURE

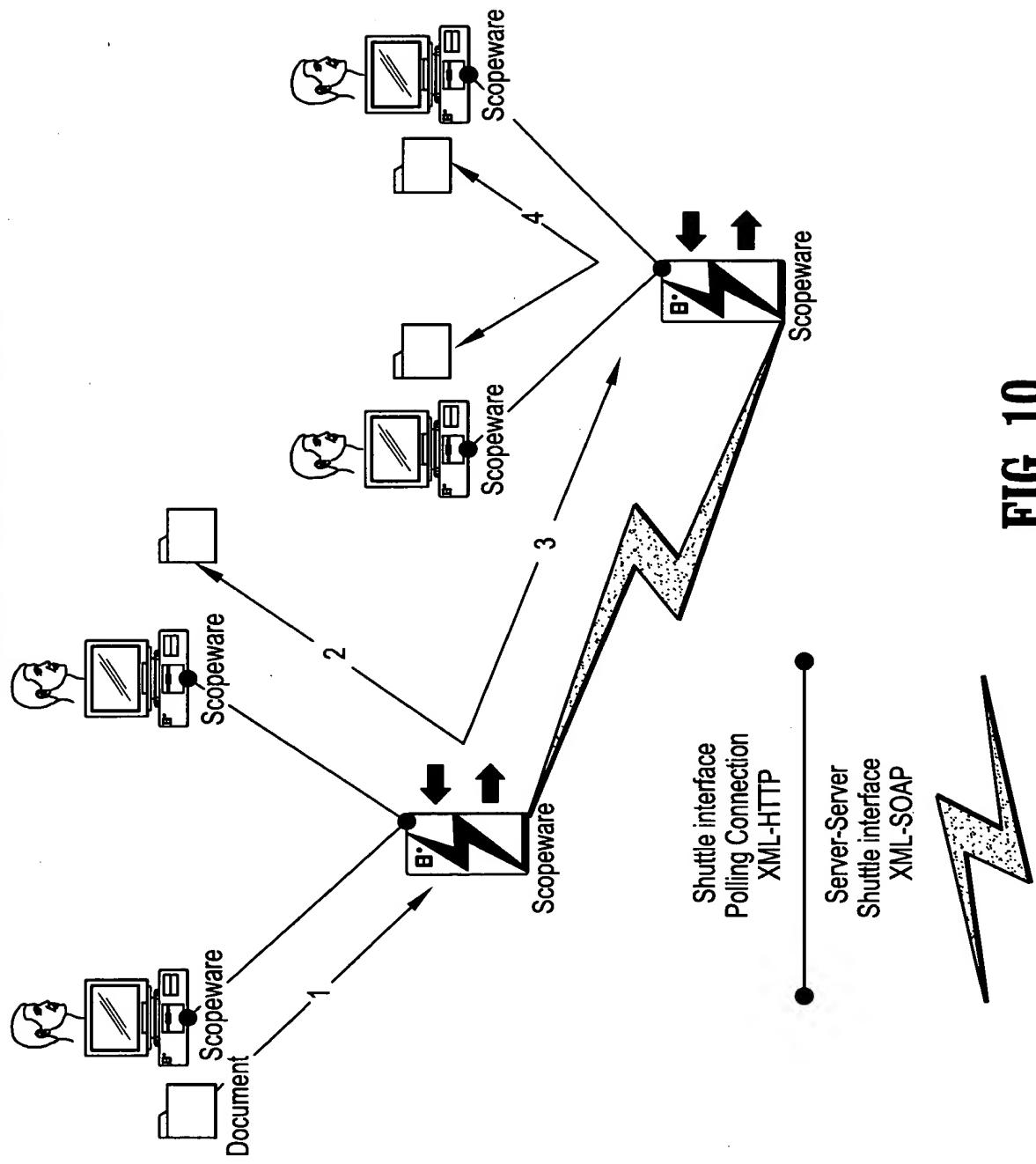


FIG. 10